

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092024\
 Data File : PD085430.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2024 12:20
 Operator : AR\AJ
 Sample : PEM219
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM134

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/23/2024
 Supervised By : Ankita Jodhani 09/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 01:30:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091924CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 20 05:48:22 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

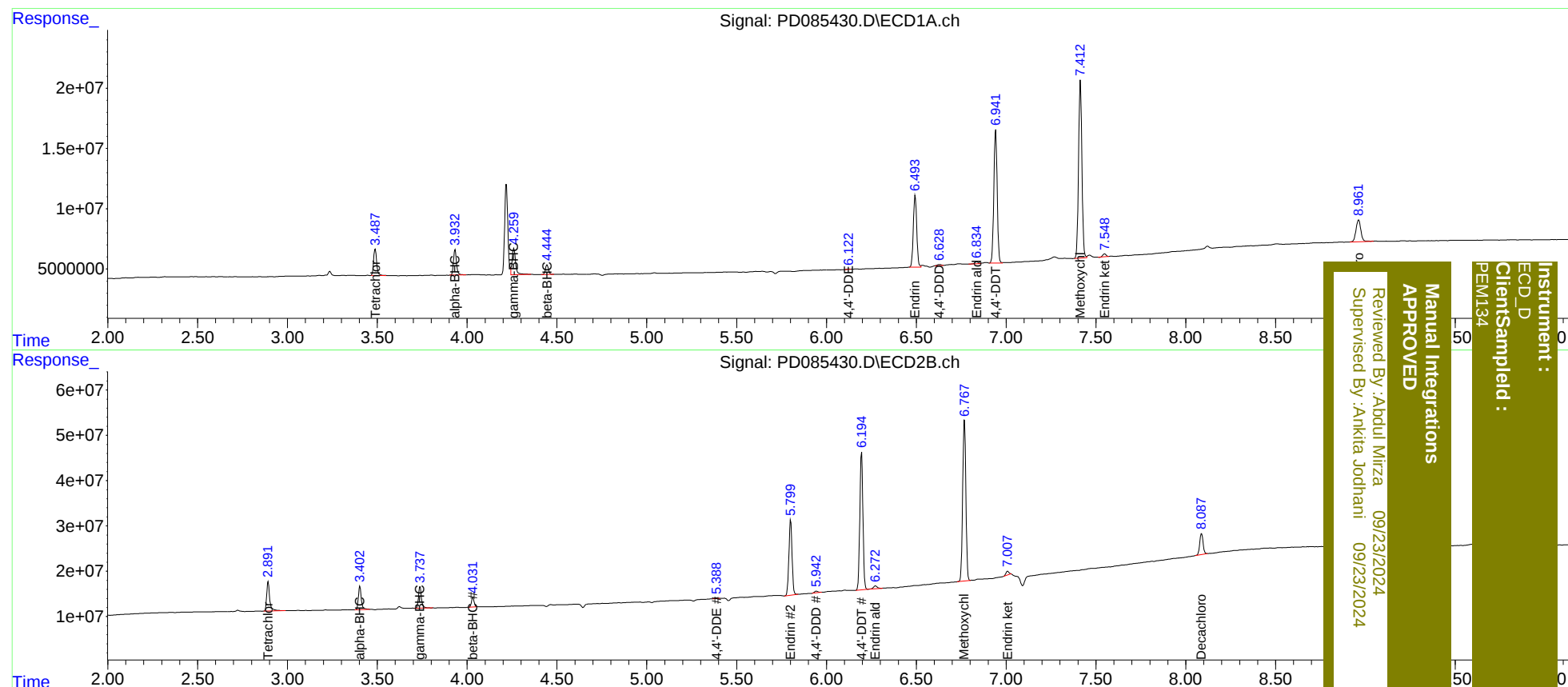
System Monitoring Compounds							
1)	SA Tetrachlo...	3.489	2.893	25732540	77552557	21.249	20.517
27)	SA Decachlor...	8.962	8.088	33894464	60909295	20.662	22.784
Target Compounds							
2)	A alpha-BHC	3.933	3.402	24751700	57554959	10.476	10.423m
3)	MA gamma-BHC...	4.261	3.738	29951710	54414006	11.972	10.442
6)	B beta-BHC	4.445	4.033	9565188	22117698	10.030	9.511
12)	B 4,4'-DDE	6.122	5.388	403720	1777832	0.231m	0.415m#
14)	MA Endrin	6.494	5.801	78971877	201.3E6	49.118	48.542
16)	A 4,4'-DDD	6.628	5.942	1158125	5308653	0.879m	1.585m#
17)	MA 4,4'-DDT	6.941	6.196	144.0E6	366.4E6	118.105m	115.687
18)	B Endrin al...	6.836	6.273	1910615	9575377	1.613	3.463 #
20)	A Methoxychlor	7.414	6.768	191.1E6	442.0E6	261.210	272.346
21)	B Endrin ke...	7.549	7.007	2869809	10155753	1.795	2.187m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Operator : AR\AJ
Sample : PEM219
Misc :
ALS Vial : 3 Sample Multiplier: 1

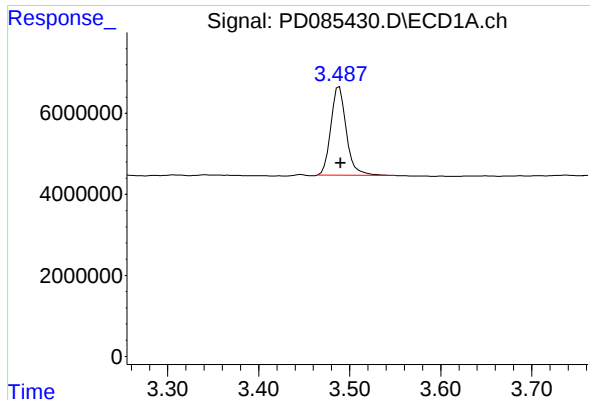
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Instrument :
ECD_D
Client Sampled :
PEM134



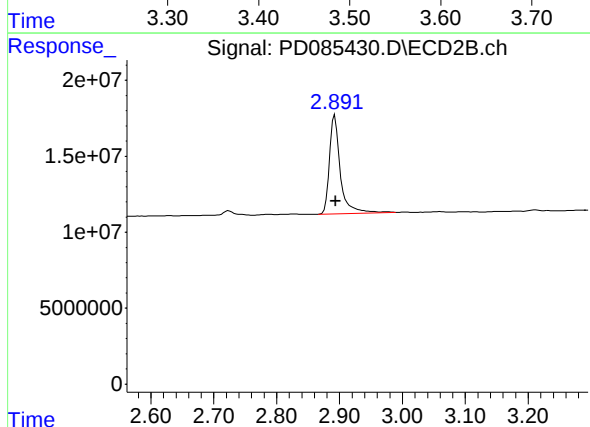
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: -0.001 min
Response: 25732540
Conc: 21.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM134

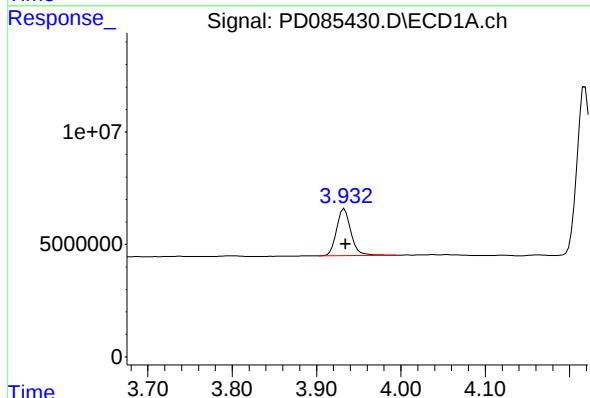
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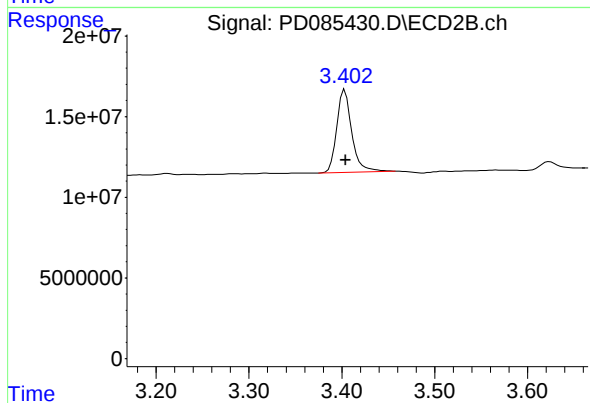
#1 Tetrachloro-m-xylene

R.T.: 2.893 min
Delta R.T.: -0.001 min
Response: 77552557
Conc: 20.52 ng/ml



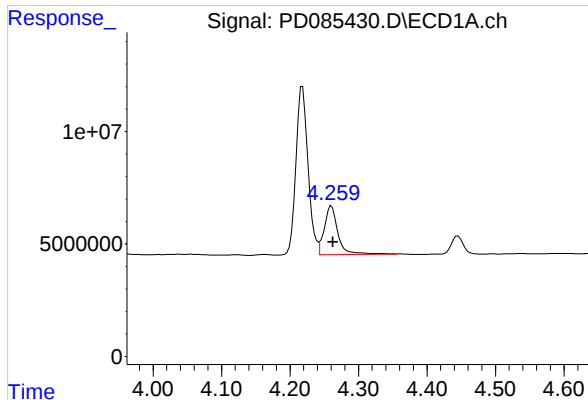
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: -0.001 min
Response: 24751700
Conc: 10.48 ng/ml



#2 alpha-BHC

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 57554959
Conc: 10.42 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 29951710
Conc: 11.97 ng/ml

Instrument :

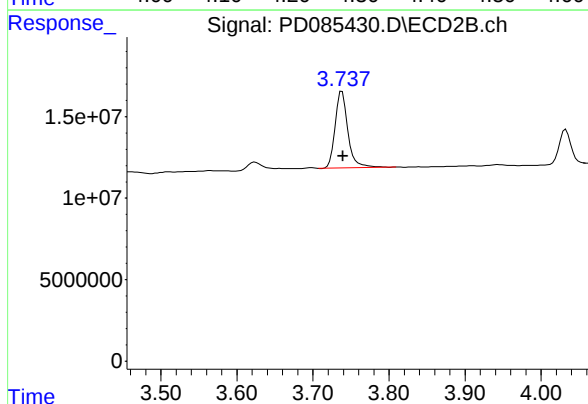
ECD_D

ClientSampleId :

PEM134

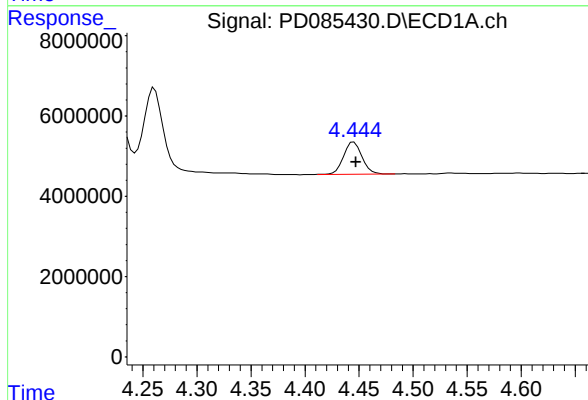
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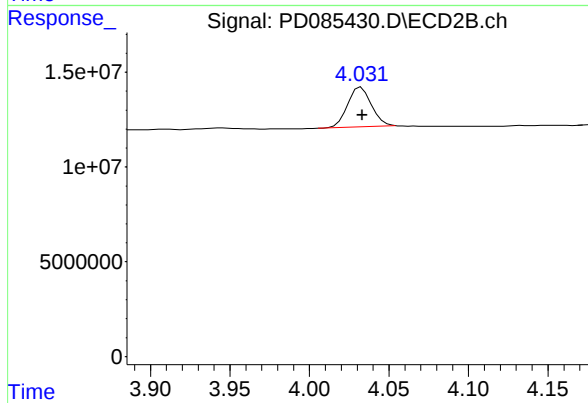
#3 gamma-BHC (Lindane)

R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 54414006
Conc: 10.44 ng/ml



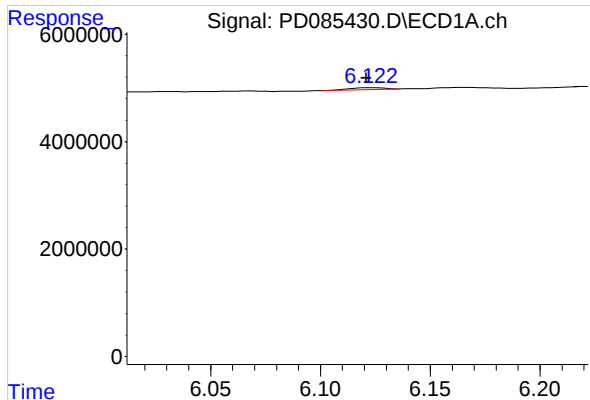
#6 beta-BHC

R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 9565188
Conc: 10.03 ng/ml



#6 beta-BHC

R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 22117698
Conc: 9.51 ng/ml



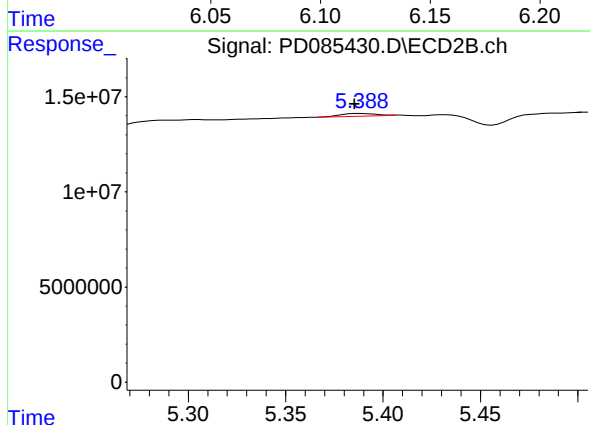
#12 4,4'-DDE

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 403720
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM134

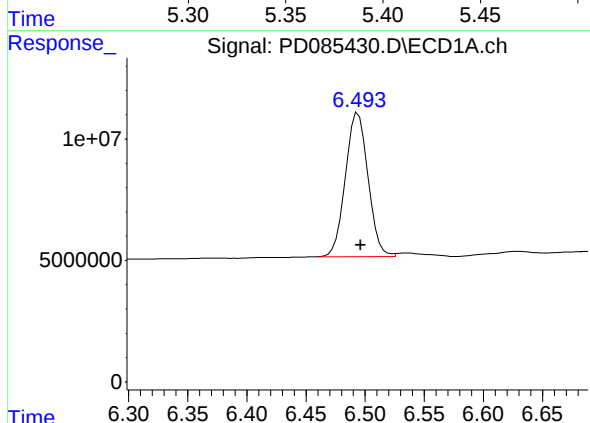
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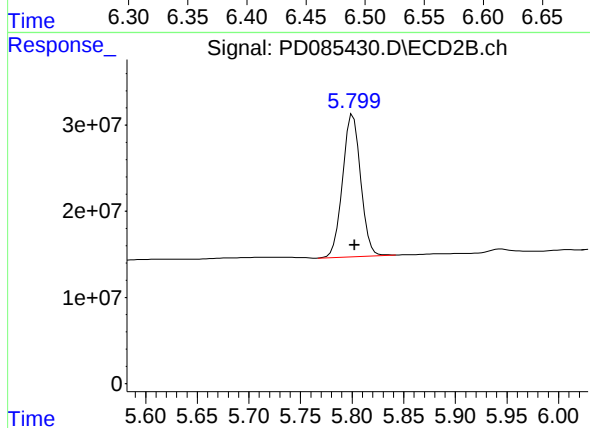
#12 4,4'-DDE

R.T.: 5.388 min
Delta R.T.: 0.002 min
Response: 1777832
Conc: 0.41 ng/ml



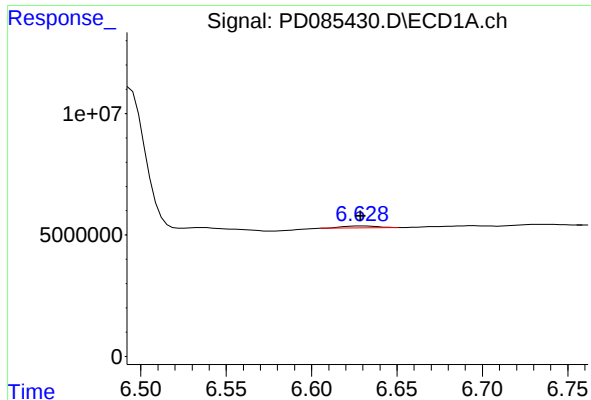
#14 Endrin

R.T.: 6.494 min
Delta R.T.: -0.002 min
Response: 78971877
Conc: 49.12 ng/ml



#14 Endrin

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 201338446
Conc: 48.54 ng/ml



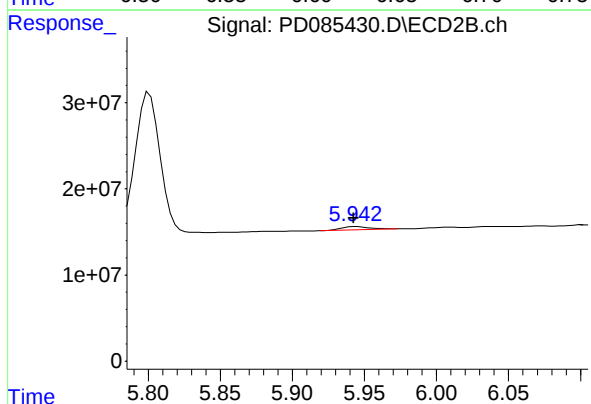
#16 4,4'-DDD

R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 1158125
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM134

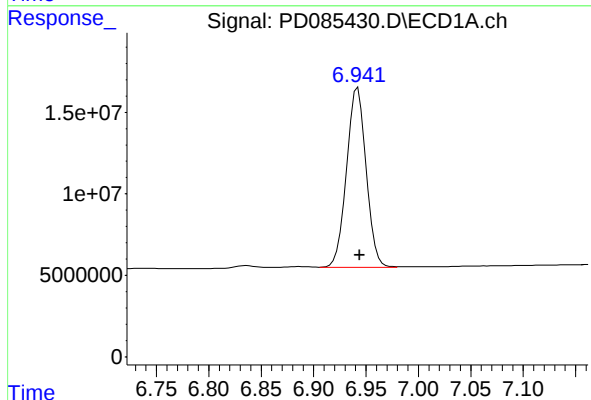
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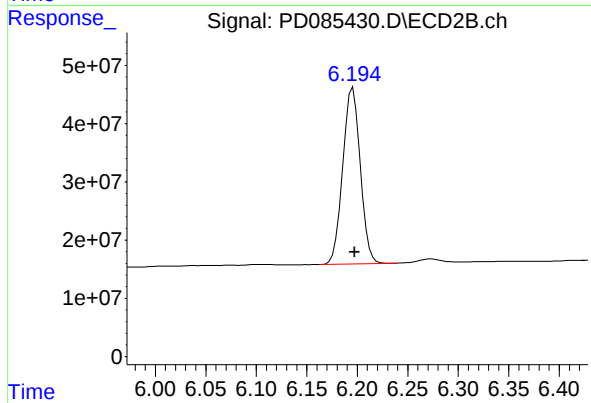
#16 4,4'-DDD

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 5308653
Conc: 1.59 ng/ml



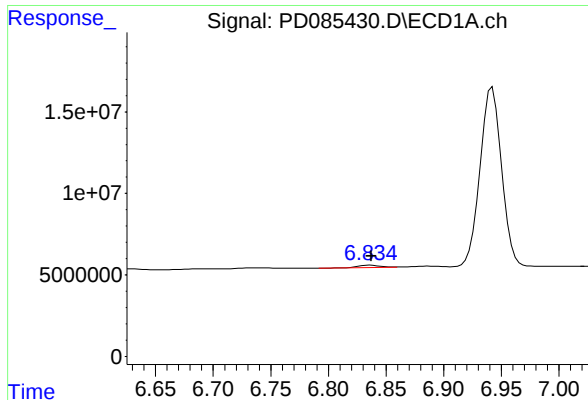
#17 4,4'-DDT

R.T.: 6.941 min
Delta R.T.: -0.003 min
Response: 143971344
Conc: 118.10 ng/ml



#17 4,4'-DDT

R.T.: 6.196 min
Delta R.T.: -0.002 min
Response: 366430901
Conc: 115.69 ng/ml



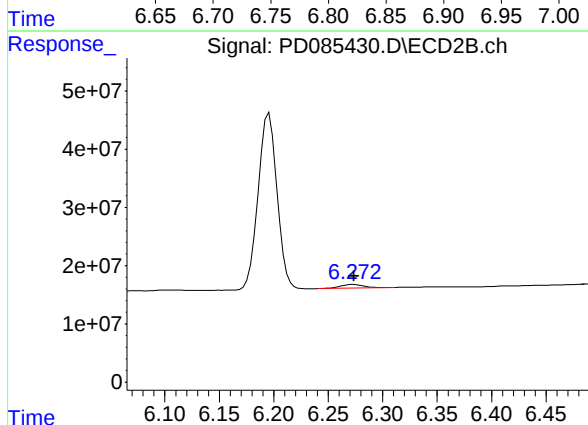
#18 Endrin aldehyde

R.T.: 6.836 min
Delta R.T.: -0.001 min
Response: 1910615
Conc: 1.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM134

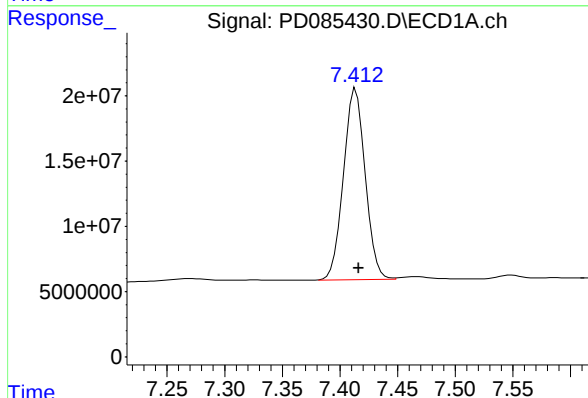
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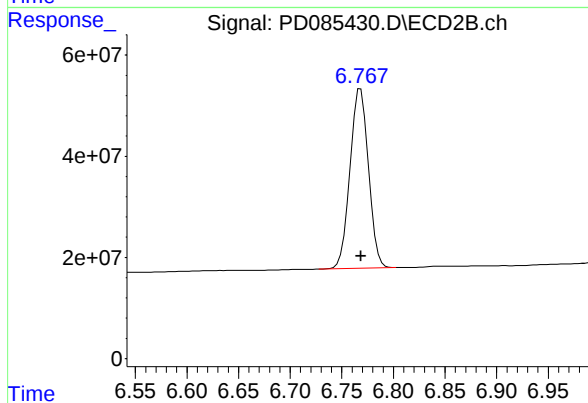
#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 9575377
Conc: 3.46 ng/ml



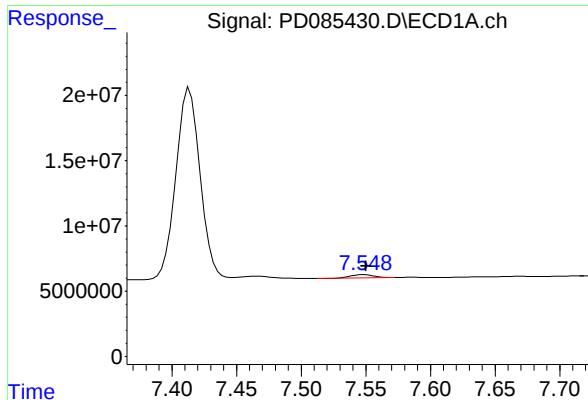
#20 Methoxychlor

R.T.: 7.414 min
Delta R.T.: -0.003 min
Response: 191113826
Conc: 261.21 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 441996584
Conc: 272.35 ng/ml



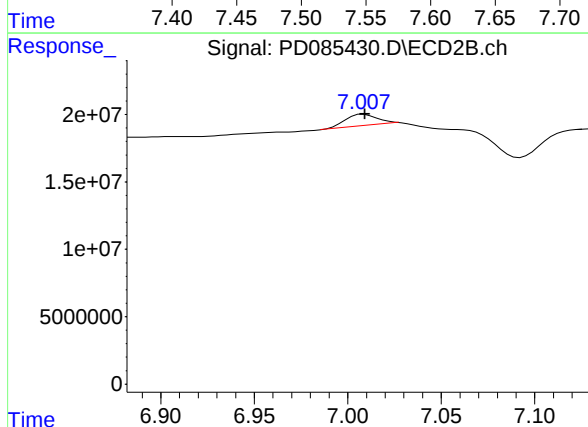
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: -0.001 min
Response: 2869809
Conc: 1.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM134

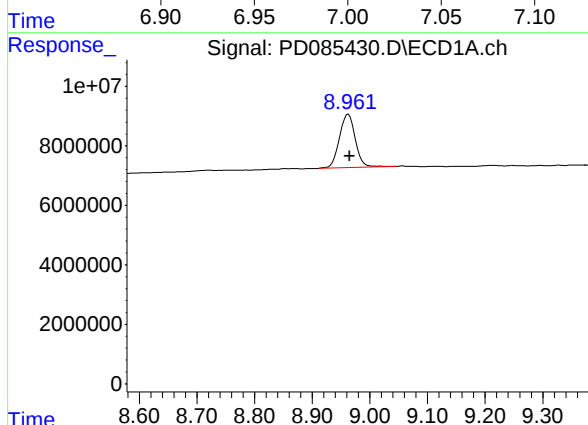
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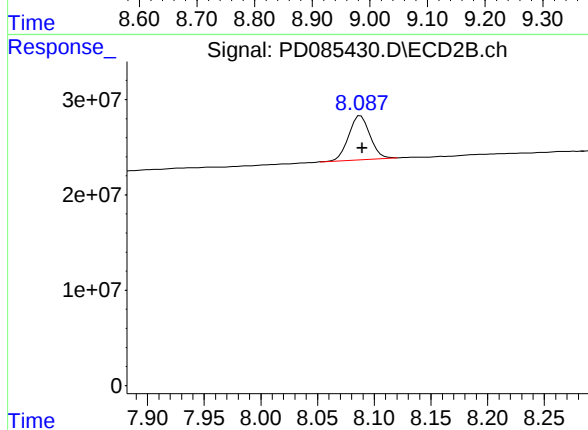
#21 Endrin ketone

R.T.: 7.007 min
Delta R.T.: -0.002 min
Response: 10155753
Conc: 2.19 ng/ml m



#27 Decachlorobiphenyl

R.T.: 8.962 min
Delta R.T.: -0.003 min
Response: 33894464
Conc: 20.66 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.088 min
Delta R.T.: -0.001 min
Response: 60909295
Conc: 22.78 ng/ml